

STEREO MOC Status Report
Time Period: 2007:176 - 2007:182

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 176, the command link was interrupted at 1250Z due to an overloaded transmitter motor generator at DSS 24. The generator was reset and the command uplink was restored.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following spacecraft/instrument events occurred during this week:

- On DOY 176, updated G&C IMU and ST alignments parameters in RAM.
- On DOY 177, new autonomy rule for Invalid GT Rates (#126 and associated macro 147) was loaded to C&DH RAM only.
- On DOY 177, PLASTIC flight software version 3.2.6 was loaded to EEPROM in the IMPACT/PLASTIC IDPU.
- On DOY 178, tested G&C with no IMU (disabled) using ST and GT rates as a contingency.
- The average daily SSR playback volume for Ahead was 6.9 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- None.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On DOY 176, updated G&C IMU and ST alignments parameters in RAM.

- On DOY 182, SECCHI rebooted at approximately 0958Z and was recovered back into operational mode at DOY 183:1824Z.
- The average daily SSR playback volume for Behind was 6.4 Gbits during this week.